

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	53290	"116".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 09:25
L2	145	land (rotatable or rotary or rotor) with vibrat \$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 09:25
L3	26	2 and (reed or beam or cantilever)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 09:26
L4	1860	land (reed or beam or cantilever)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 09:29
L5	106	4 and (industrial or power near2 plant or plant)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 09:30
L6	14	5 and failure	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 09:30
L7	155	land (reed or beam or cantilever) near5 vibrat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 09:33

L8	82	land (reed or beam or cantilever) near5 vibrat\$3 with (sound or tap\$4 or buzz\$3 or audi\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 09:34
L9	248	land vibrat\$3.ab, ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 09:41
L10	241	9 not 8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 09:42
L11	51	10 and (audi\$5 or sound).ab,ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 09:42
L12	55	10 and (audi\$5 or sound or tap\$4 or buzz\$ or clap\$4).ab,ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 09:43
L13	29	vibrat\$3 near3 (audi\$5 or sound or tap\$4 or buzz\$ or clap\$4).ab,ti. and (failure or wear).ab,ti. with (pump or motor or rotor or industrial or power near2 plant or equipment).ab,ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 10:02

L14	5	(audible\$5 or sound or tap\$4 or buzz\$ or clap\$4) with (cantilever\$3 or reed or vibrator).ab,ti. and (failure or wear).ab,ti. with (pump or motor or industrial or power near 2 plant or equipment).ab,ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 10:09
L15	6	(audible\$5 or sound or tap\$4 or buzz\$ or clap\$4) same (cantilever\$3 or reed or vibrator).ab,ti. and (failure or wear).ab,ti. with (pump or motor or industrial or power near 2 plant or equipment).ab,ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 10:11
L16	1	15 not 14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 10:11
L17	80	(audible\$5 or sound or tap\$4 or buzz\$ or clap\$4) same (cantilever\$3 or reed or vibrator).ab,ti. and (failure or wear).ab,ti. not brake	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 10:13
L18	B6	(cantilever\$3 or reed).ab,ti. with (failure).ab,ti. not brake	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 10:21

L19	B0	I8 not I7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 10:21
L20	I4	I9 and vibrat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 10:22
L21	II	(detect\$3 or sens \$3 or monitor\$3 or evaluat\$3 or measur\$6) near3 failure near10 (machine or equipment) and (reed or cantilever \$3) near5 vibrat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 10:34
L22	42	("34B497"  "3686593"  "4479389"  "4543457"  "4673777"  "4729239"  "4740410"  "4855544"  "4873871"  "4891984").PN. OR ("5001933").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/17 10:37
L23	II	22 and (audi\$5 or sound or buzz\$3 or tap\$4 or clap \$4)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/17 10:39
L24	4	(detect\$3 or sens \$3 or monitor\$3 or evaluat\$3 or measur\$6) near3 failure near10 (pump or blower or fan or turbine) and (reed or cantilever\$3) near5 vibrat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 10:50

I25	1	(detect\$3 or sens\$3 or monitor\$3 or evaluat\$3 or measur\$6) near3 fault near10 (pump or blower or fan or turbine) and (reed or cantilever\$3) near5 vibrat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 10:52
I26	78	(detect\$3 or sens\$3 or monitor\$3 or evaluat\$3 or measur\$6) near5 (pump or blower or fan or turbine) and (reed or cantilever\$3) near5 vibrat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 10:59
I27	42	26 and (sound or tap\$4 or buzz\$3 or audi\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 11:00
I28	1012	340/680.ccls. or 340/682-683.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 11:11
I29	8747	(reed or cantilever\$3) with (buzz\$3 or tap\$4 or tone or alarm or warning)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 11:12
I30	4	28 and 29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 11:13
I31	125	"116".clas. and 29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/17 11:15

L32	63	3land vibrat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_ TDB	OR	ON	2008/04/17 11:16
L33	42	"4237454".uref,bi	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_ TDB	OR	ON	2008/04/17 11:41
S1	8	generat\$3 near3 tap\$4 near3 (signal or sound or tone) with (failure or breakdown)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_ TDB	OR	ON	2008/04/15 14:44
S2	207	tap\$4 near3 (signal or sound or tone) with (failure or breakdown)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_ TDB	OR	ON	2008/04/15 14:45
S3	24	S2.ab,ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_ TDB	OR	ON	2008/04/15 14:46
S4	106	tap\$4 near3 (signal or sound or tone) near5 (failure or breakdown)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_ TDB	OR	ON	2008/04/15 14:46
S5	23	S4 and (failure or breakdown).ab,ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_ TDB	OR	ON	2008/04/15 14:47
S6	6886	(generat\$3 or produc\$3) near4 (signal or sound or tone) near5 (failure or breakdown)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_ TDB	OR	ON	2008/04/15 14:49

S7	B1	(generat\$3 or produc\$3) near4 (tone) near5 (failure or breakdown)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_ TDB	OR	ON	2008/04/15 14:49
S8	24	S7.ab,t,i	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_ TDB	OR	ON	2008/04/15 14:50
S9	16	(generat\$3 or produc\$3) near4 (tap or tapping) near5 (failure or breakdown)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_ TDB	OR	ON	2008/04/15 14:56
S10	187	(generat\$3 or produc\$3) near4 (tap or tapping or tone) near7 (failure or breakdown)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_ TDB	OR	ON	2008/04/15 15:03
S11	94	S10 not (telephone or phone)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_ TDB	OR	ON	2008/04/15 15:05
S12	2543	warning near3 (tone or tap or tapping)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_ TDB	OR	ON	2008/04/15 15:36
S13	85	S12 same rotat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_ TDB	OR	ON	2008/04/15 15:37
S14	59	S13 not spinal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_ TDB	OR	ON	2008/04/15 15:39
S15	3947	alarm near3 (tone or tap or tapping)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_ TDB	OR	ON	2008/04/15 15:47

S16	64	S15 same rotat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_ TDB	OR	ON	2008/04/15 15:47
S17	63	S16 not S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_ TDB	OR	ON	2008/04/15 15:48
S18	2	(warning or alarm) near3 (tone or tap or tapping) same cantilever	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_ TDB	OR	ON	2008/04/15 15:52
S19	26	(warning or alarm) near3 (tone or tap or tapping) same (cantilever or reed)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_ TDB	OR	ON	2008/04/15 15:53
S20	1	"4520748".pn. and reed	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_ TDB	OR	ON	2008/04/15 16:01
S21	116	(vibrat\$3 or resona\$) near3 (beam or cantilever or reed) near10 (alarm or warn\$ or alert\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_ TDB	OR	ON	2008/04/15 16:36
S22	43	S21 and (rotati\$3 or rotary or rotatable)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_ TDB	OR	ON	2008/04/15 16:38
S23	12	("341524"  "3190397"  "3199631"  "3495689"  "3675197").PN. OR ("3972391").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 17:22



S24	B	S2 land (rotor)	US-PGPUB; USPAT; USOCR; EPO, JPO; DERWENT; IBM_ TDB	OR	ON	2008/04/15 17:24
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